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Approved for use through 09/30/00. OMB 0651-0032 Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

## UTILITY PATENT APPLICATION TRANSMITTAL

ew n nprovisi nal applications

| Attorney Docket No. | 4680-00001        | Total Pages       | 15+ |
|---------------------|-------------------|-------------------|-----|
| First Named I       | nventor or Applic | cation ld ntifi_r | ~== |
| Michael Hock        |                   | 016               | 2   |

| ١  | under 37 CFR 1.53(b)   | phounomo   | Michael Hock     |   |                                   |             |                                       |               |          |  |
|--|--|--|------------------|---|-----------------------------------|-------------|---------------------------------------|---------------|----------|--|
| إر   |  |  | Expre            | ess M   | lail Label No.                    | EL 8127     | 32 <b>7</b> 95US                      |               | S        |  |
| ١  | APPLICATION ELEMEN   | NTS  | xp.c             |   | DRESS TO:                         |             | nissioner fo                          | r Patent      |          |  |
| Ĭ  | See MPEP chapter 600 concerning utility patent application             |  |                  | ```   | J. 1200 1.0.                      | Box P       | atent Appl                            | ication       | <b>ω</b> |  |
| contents   |  |  |                  | Washington, D.C. 20231 6. ☐ Microfiche Computer Program (Appendix)            |                                   |             |                                       |               |          |  |
| I  | 1. ⊠ Fee Transmittal Form  |  |                  | 6. Li Microliche Computer Program (Appendix) 5                                |                                   |             |                                       |               |          |  |
| I  | (Submit an original, and a duplicate fo                                | r fee processi   | na)              | 7. Nucleotide and/or Amino Acid Sequence Submission                           |                                   |             |                                       |               |          |  |
| ١  | (0.00,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,                                |  | -3,              | (if applicable, all necessary)  |                                   |             |                                       |               |          |  |
| l  |  |  |                  | a. ☐ Computer Readable Copy   |                                   |             |                                       |               |          |  |
| I  |  | cification [Total Pages   21  ] b. □ Paper Copy (identical to computer c |                  |   |                                   |             |                                       |               |          |  |
| l  | (preferred arrangement set forth t                                     | below) —   | — '.             |   |                                   |             | fying identif                         |               |          |  |
| l  | - Descriptive title of the Invention                                   |  |                  |   | APPLICATI                         |             |                                       |               |          |  |
| - Cross References to Related Applications - Statement Regarding Fed sponsored R & D         |  |  |                  |   | ☐ Assignment                      | Papers (d   | cover sheet                           | & docum       | ent(s))  |  |
| l  | Reference to Microfiche Appendix                                       |  |                  | 9. □ 37 CFR 3.73(b) Statement □ Power of Attorney (when there is an assignee) |                                   |             |                                       |               |          |  |
| l  | Background of the Invention  | ^  |                  |   |                                   |             |                                       |               |          |  |
| l  | - Brief Summary of the Invention                                       |  |                  |   | (WHOII die                        | C IS all as | ssignee,                              |               |          |  |
| l  | - Brief Description of the Drawings                                    | (if filed)   |                  | 10.   | ☐ English Tran                    | slation D   | ocument (if                           | applicabl     | e)       |  |
| l  | - Detailed Description   |  |                  |   | Ü                                 |             | •                                     |               | •        |  |
| l  | - Claim(s)   |  |                  | 11.   | ☐ Information I                   |             |                                       | Copies of     |          |  |
| ı  | <ul> <li>Abstract of the Disclosure</li> </ul>                         |  | <del>_</del>     |   | Statement                         | (IDS)/PT    | O-1449                                | Citation      | าร       |  |
| ۱  | 2 17 Drawing(a) (25 USC 112)   ITat                                    | al Sheets  | }  ,             | 40.   | W. Darlinsinson.                  | A           |                                       |               |          |  |
| ١  | 3. 図 Drawing(s) (35 USC 113) [Tot                                      |  | '                | 12.⊠ Preliminary Amendment  |                                   |             |                                       |               |          |  |
| I  | 4. Oath or Declaration . Tot   | al Pages 2   | :   <sub>1</sub> | 13.⊠ Return Receipt Postcard (MPEP 503)                                       |                                   |             |                                       |               |          |  |
| a.   Newly executed (original or copy)   |  |  |                  |   | (Should be specifically itemized) |             |                                       |               |          |  |
| ١  | <ul> <li>b.     Copy from a prior application (</li> </ul>             | (37 CFR 1.63(  | d))              |   |                                   |             |                                       |               |          |  |
| (for continuation/divisional with Box 17   |  |  |                  | 14.   | ☐ Small Entity                    |             |                                       |               |          |  |
| l  | completed)   |  |                  |   | Statement                         |             | oplication, S                         | tatus still   | proper   |  |
| l  |  | ox 5 below]  |                  |   |                                   | an          | d desired                             |               |          |  |
| l  | i.   DELETION OF INVENTOR Signed statement attached                    |  |                  | 15.□ Certified Copy of Priority Document(s)                                   |                                   |             |                                       |               |          |  |
| ı  | inventor(s) named in the p   |  |                  |   | (if foreign priority is claimed)  |             |                                       |               |          |  |
| ı  | application, see 37 CFR 1  |  |                  | (in torong), priority to diaminous  |                                   |             |                                       |               |          |  |
| I  | 1.33(b).   |  |                  | 16.⊠ Other: Certificate of Express Mail;                                      |                                   |             |                                       |               |          |  |
| l  | 68 1 6 8 8 8 6 1 1 1   |  |                  |   |                                   |             |                                       |               |          |  |
| l  | 5. Incorporation By Reference (usea checked). The entire disclosure of |  | s                |   |                                   |             |                                       |               |          |  |
| l  | application, from which a copy of                                      |  |                  |   |                                   |             |                                       |               |          |  |
| I  | declaration is supplied under Box                                      |  | ered             |   |                                   |             |                                       |               |          |  |
| I  | as being part of the disclosure of                                     |  |                  |   |                                   |             |                                       |               |          |  |
| I  | application and is hereby incorpor                                     |  |                  |   |                                   |             |                                       |               |          |  |
| l  | therein.   |  |                  |   |                                   |             |                                       |               |          |  |
|  |  |  |                  |   |                                   |             |                                       |               |          |  |
| 17. If a CONTINUING APPLICATION, check appropriate box and supply the requisite information: |  |  |                  |   |                                   |             |                                       |               |          |  |
| l  | ☐ Continuation ☐ Divisional [  | ☐ Continuatio  | n-in-pa          | rt (C   | IP) of prior ap                   | polication  | No.: /                                |               | -        |  |
| 18. CORRESPONDENCE ADDRESS   |  |  |                  |   |                                   |             |                                       |               |          |  |
| I  |  |  |                  |   |                                   |             |                                       |               |          |  |
| ☐ Customer Number or Bar Code Label  |  |  |                  |   |                                   |             |                                       | ondence       | address  |  |
| Insert Customer No. or Attach bar code label here below.                                     |  |  |                  |   |                                   |             |                                       |               |          |  |
| ŀ  | NAME Michael E. Taken (Reg. No. 28,120)                                |  |                  |   |                                   |             |                                       |               |          |  |
| I  | ANDRUS, SCEALES, S   |  | WALL             | LLP   | -                                 |             | · · · · · · · · · · · · · · · · · · · | <del></del> - |          |  |
| t  | ADDRESS 100 East Wisconsin Avenue                                      |  |                  |   |                                   |             |                                       |               |          |  |
| Suite 1100   |  |  |                  |   |                                   |             |                                       |               |          |  |
| I  | CITY Milwaukee   |  | STAT             |   | Wisconsin                         |             | ZIP CODE                              |               | 202-4178 |  |
|  | COUNTRY U.S.A.   | TELE   | PHON             | E   | (414) 271-759                     | 0           | FAX                                   | (414) 27      | 11-5770  |  |

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## CERTIFICATE OF EXPRESS MAIL

This is to certify that this correspondence is being deposited with the United States Postal Service as EXPRESS MAIL POST OFFICE TO ADDRESSEE in an envelope addressed to Commissioner of Patents and Trademarks, Washington, D.C. 20231 on the <a href="19th">19th</a> day of December, 2001. The Express Label is <a href="EL812732795US">EL812732795US</a>.

Jo ann Kuczynski

12-19-01

Date

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| FEE TRANSMITTAL  FIling Date  First Named Inventor  Group Art Unit  Examiner Name  Total Amount of Payment  METHOD OF PAYMENT (check one)  The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:  Deposit Account Number  ADDITIONAL FEES  Large Entity  Small Entity  Fee Fee Fee Fee Fee Code (\$) Fee Description  ANDRUS, SCEALES, STARKE & SAWALL, LLP  ANDRUS, SCEALES, STARKE & SAWALL, LLP  ANDRUS, SCEALES, STARKE & SAWALL, LLP  APPlicant claims small entity status.  See 37 CFR 1.16 and 1.17  Applicant claims small entity status.  See 37 CFR 1.27  Application Number  Filing Date  First Named Inventor  Micha I Hock  13. ADDITIONAL FEES  Large Entity Small Entity  Fee Fee Fee Fee Fee Fee Fee Fee Fee Code (\$) Fee Description  105 130 205 65 Surcharge - late filing fee or oath  127 50 227 25 Surcharge - late provisional filing fee or cover sheet  139 130 139 130 Non-English specification  147 2,520 For filing a request for examination  147 2,520 For filing a request for examination  148 2920 112 920 Requesting publication of SIR prior to Examiner action  113 1,840 113 1,840 Requesting publication of SIR after Examiner action  113 1,840 113 1,840 Requesting publication of SIR after Examiner action  115 110 215 55 Extension for response within first   |            |  |  |  |
|--|------------|--|--|--|
| First Named Inventor Group Art Unit Examiner Name  Total Amount of Payment    Saminer Name   |            |  |  |  |
| First Named Inventor Group Art Unit Examiner Name  Total Amount of Payment  (\$) 938.00  Attorney Docket Number  ### Addition- Deposit Account Number  Deposit Account Name  ANDRUS, SCEALES, STARKE & SAWALL, LLP  ANDRUS, SCEALES, STARKE & SAWALL, LLP  Applicant claims small entity status.  Applicant claims small entity status.  Applicant claims small entity status.  See 37 CFR 1.16 and 1.17  First Named Inventor  Group Art Unit  Examiner Name  Attorney Docket Number  4680-00001  FEE CALCULATION (continued)  3. ADDITIONAL FEES  Large Entity Small Entity  Fee Fee Fee Fee Fee Code (\$) Fee Description  105 130 205 65 Surcharge - late filing fee or oath or cover sheet  139 130 139 130 Non-English specification  147 2,520 147 2,520 For filing a request for examination  112 920 112 920 Requesting publication of SIR prior to   |            |  |  |  |
| Total Amount of Payment (\$) 938.00 Attorney Docket Number 4680-00001  METHOD OF PAYMENT (check one)  The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:  Deposit Account Number Deposit Account Name  ANDRUS, SCEALES, STARKE & SAWALL, LLP Applicant claims small entity status.  Applicant claims small entity Fee Fee Fee Fee Code (\$) Code (\$) Fee Description  The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:  Deposit Account Name  ANDRUS, SCEALES, STARKE & SAWALL, LLP Applicant claims small entity status.  See 37 CFR 1.16 and 1.17  See 37 CFR 1.27  Examiner Name  Attorney Docket Number 4680-00001  3. ADDITIONAL FEES  Large Entity Small Entity Fee Fee Fee Fee Code (\$) Fee Description  105 130 205 65 Surcharge - late filing fee or oath or cover sheet or   |            |  |  |  |
| Total Amount of Payment (\$) 938.00  METHOD OF PAYMENT (check one)  The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:  Deposit Account Number Deposit Account Name  ANDRUS, SCEALES, STARKE & SAWALL, LLP Applicant claims small entity status.  Applicant claims small entity status.  See 37 CFR 1.16 and 1.17  Attorney Docket Number 4680-00001  FEE CALCULATION (continued)  3. ADDITIONAL FEES Large Entity Small Entity Fee Fee Fee Fee Code (\$) Fee Description  105 130 205 65 Surcharge - late filing fee or oath or cover sheet  127 50 227 25 Surcharge - late provisional filing fee or cover sheet  139 130 139 130 Non-English specification 147 2,520 147 2,520 For filing a request for examination 112 920 112 920 Requesting publication of SIR prior to   |            |  |  |  |
| METHOD OF PAYMENT (check one)  1. The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:  Deposit Account Name  ANDRUS, SCEALES, STARKE & SAWALL, LLP  Applicant claims small entity status.  Applicant claims small entity status.  See 37 CFR 1.16 and 1.17  The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:  3. ADDITIONAL FEES  Large Entity Small Entity Fee Fee Fee Fee Fee Code (\$) Fee Description  105 130 205 65 Surcharge - late filing fee or oath or cover sheet  127 50 227 25 Surcharge - late provisional filing fee or cover sheet  139 130 139 130 Non-English specification 147 2,520 147 2,520 For filing a request for examination 148 2,520 147 2,520 For filing a request for examination 149 2,520 112 920 Requesting publication of SIR prior to  |            |  |  |  |
| 1. The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:  Deposit Account Number Deposit Account Name ANDRUS, SCEALES, STARKE & SAWALL, LLP  ANDRUS, SCEALES, STARKE & SAWALL, LLP  Applicant claims small entity status.  Applicant claims small entity status.  Applicant claims small entity status.  See 37 CFR 1.16 and 1.17  The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:  See 37 CFR 1.27  3. ADDITIONAL FEES  Large Entity Small Entity  Fee Fee Fee Fee Code (\$) Fee Description  105 130 205 65 Surcharge - late filing fee or oath or cover sheet  127 50 227 25 Surcharge - late provisional filing fee or cover sheet  139 130 139 130 Non-English specification  147 2,520 147 2,520 For filing a request for examination  112 920 112 920 Requesting publication of SIR prior to  | 4680-00001 |  |  |  |
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| ANDRUS, SCEALES, STARKE & SAWALL, LLP    ANDRUS, SCEALES, STARKE & SAWALL, LLP     Applicant claims small     Applicant claims small     all fee required under     37 CFR 1.16 and 1.17     See 37 CFR 1.27     Applicant claims small     entity status.     139   |            |  |  |  |
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| 1. FILING FEE 118 1,440 218 720 Extension for response within fourth   |            |  |  |  |
| Large Entity Small Entity Fee Fee 128 1,960 228 980 Extension for response within fifth  |            |  |  |  |
| Fee Fee Fee Description Paid month Code (\$) Code (\$) 119 320 218 160 Notice of Appeal  |            |  |  |  |
| \$740.00   120   320   220   160 Filing a brief in support of an appeal  |            |  |  |  |
| 106 200 206 165 Decim filing fee   |            |  |  |  |
| 107 510 207 255 Plant filing fee   |            |  |  |  |
| 108 740 208 370 Reissue filing fee 114 160 214 80 Provisional filing 140 110 240 55 Petition to revive unavoidably   |            |  |  |  |
| fee abandoned application  |            |  |  |  |
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| SUBTOTAL (1) (\$) 740.00 142 1,280 242 640 Utility issue fee (or reissue)  |            |  |  |  |
| 2. CLAIMS Extra Fee from Fee Paid 143 460 243 230 Design issue fee 144 620 244 310 Plant issue fee   |            |  |  |  |
| Total claims 31 - 20 = 11 X \$18 = \$198   122   130   122   130   Petitions to the Commissioner   |            |  |  |  |
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| Claims applications  |            |  |  |  |
| Multiple Dependent X = 126 180 126 180 Submission of Information Disclos. Stmt. S81 40 581 40 Recording each patent assignment per   |            |  |  |  |
| Large Entity Small Entity Fee property (times number of properties)  |            |  |  |  |
| Fee Fee Fee Description  146 740 246 370 Filing a submission after final rejection  Code (\$) Code (\$) (37 CFR 1.29(a))   |            |  |  |  |
| 149 740 249 370 For each additional invention to be examined (37 CFR 1.129(b))   |            |  |  |  |
| 102 84 202 42 Independent claims in excess of 3 179 740 279 370 Request for continued Examination (RCE)  |            |  |  |  |
| 104 280 204 140 Multiple dependent claim 109 84 209 42 Reissue independent 169 900 169 900 Request for expedited examination of a  |            |  |  |  |
| claims over original design application  |            |  |  |  |
| patent  110 18 210 9 Reissue claims in excess of 20 and over original patent  Other fee (specify)  | . <u></u>  |  |  |  |
| SUBTOTAL (2) (2) (2) (2) (3)   |            |  |  |  |
| * Reduced by Basic Filing Fee Paid   |            |  |  |  |
| SUBMITTED BY   |            |  |  |  |
| Name (Print/Type) Michael E. Taken Registration No. 28,120 Telephone (414) 271   | -7590      |  |  |  |
| Signature Michael E. Sahen Date 12/19/   |            |  |  |  |